

Lattice Vacancies in Aluminium, by D. Altenpohl.

GERMAN, per, Aluminium, Vol XXXVII, No 7,
1961, pp 401-411.

OT 7083

Sci - Chem

Oct 62

215, 501
OTS-62-18307
SNA 62-14836
FRI Tr-172

Metallographic and X-Ray Study of Precipitates in
AlCuMg Alloys, by W. Gruhl.
GERMAN, per, Aluminum, Vol 37, 1961, pp 416-423.
*NTIS/NBS TT 71-55304
Available NBS Only

July 71

Chemical Technology and Aluminum Consumption,
by Hans Ginsberg.

GERMAN, per, Aluminum, Vol XXXVII, No 8,
pp 537-541.

Dept of Interior
INT 857 No 485

Sci - Min/Met

190,806

Apr 62

Grubitsch, H., Geymeyer, W, and Buvik, E.
ANODIC OXIDE FILMS WITH CONTROLLED PORE
SIZE. [1962] 7p. (17 figs. 6 tables 22 refs. omitted).
Order from SLA \$1.10

62-18018

Trans. of Aluminium (Germany) 1961, v. 37, no. 9,
p. 569-575.

DESCRIPTORS: *Electron microscopy, *Porous
filters, *Aluminum compounds, Oxides, Films,
Stabilization, Organic solvents, Anodes.

The purpose of the present investigation was to
establish whether detached eloxal films, which have
formed under suitable conditions, could be used as a
filter material for a direct electron-microscope
radiation, or, how uniformly the pores are developed
in this film. (Author)

(Chemistry, TT, v. 8, no. 9)

62-18018

I. Grubitsch, H.
II. Geymeyer, W.
III. Buvik, E.

Office of Technical Services

Brenner, P.

PROPERTIES AND APPLICATION OF A HEAT
TREATABLE AND WELDABLE AlZnMg-ALLOY
(KONSTRUKTAL 21/51). [1962] 13p. (8 figs. 13 refs.
omitted).

Order from SLA \$1.60

62-14833

Partial trans. of Aluminium (Germany) 1961, v. 37,
no. 10, p. 633-644.

DESCRIPTORS: *Aluminum alloys, *Zinc alloys,
*Magnesium alloys, Welding, Tensile properties,
Elasticity, Heating, Corrosion-resistant alloys.

(Metallurgy, TT, v. 8, no. 4)

62-14833

I. Brenner, P.

Office of Technical Services

The Radiation Behavior of Light Metals, by
K. Lintner. 17 pp.
FRENCH, per, Aluminium, Vol 37, 1961,
pp 645-647.
AEC CEA-tr-A-1818

Sci/Materials
Feb 67

318,465

Erdmann-Jesnitzer, F. and Jehmlich, G.
THE EFFECTS OF COOLING CONDITIONS UPON
INVERSE SEGREGATION IN ALUMINIUM ALLOYS.
[1962] [19]p. (13 figs. 15 refs. omitted).
Order from SLA \$1.60

62-18103

Trans. of Aluminium (Germany) 1962, v. 38, no. 1,
p. 13-19.

DESCRIPTORS: *Aluminum alloys, *Casting,
Cooling, *Metallic crystals, Separation, Micro-
structure, *Radiography.

The investigational results published heretofore on
the extraneous criteria affecting the order of magni-
tude (difference between concentrations at ingot
periphery and the middle) alter them either to larger
or smaller values, are presented. The effects of
casting temperature, the thickness of the mould
walls and the mould temperature at a constant pour-
(Metallurgy--Light Metals, TT, v. 8, no. 9) (over)

62-18103

I. Erdmann-Jesnitzer, F.
II. Jehmlich, G.

Office of Technical Services

Metallographic and X-Ray Study of Precipitates in
AlZnMgCu Alloys, by W. Gruhl.
GERMAN, per, Aluminum, Vol 38, 1962, pp 145-149.
*NTIS/NBS TT 71-55303
Available NBS Only

July 71

Neunzig, H. and Röhrig, V.
ABOUT THE EFFECTS OF SEALING ON THE
QUALITY OF OXIDE FILMS. [1962] 15p. (figs.
omitted) 5 refs.

Order from SLA \$1.60

63-10145

Trans. of Aluminium (West Germany) 1962, v. 38,
no. 3, p. 150-154.

DESCRIPTORS: *Aluminum, *Corrosion Inhibition,
Protective treatments, Oxides, Films, *Seals
(Stoppers), Acids, Surface-active substances, Cobalt
compounds, Nickel compounds, Acetates, Water vapor.

The tests showed that excellent corrosion protection
was obtained only after adequate sealing and if the parts
had been anodized to the necessary film thickness. The
best sealing was obtained in water vapor where the
pores are closed by the formation of aluminum hydrox-
ide. Parts sealed in water vapor will always be sealed
(Metallurgy--Corrosion, TT, v. 10, no. 2) (over)

63-10145

I. Neunzig, H.
II. Röhrig, V.

Office of Technical Services

Extrusion of AlMgSi--Alloys, by G. E.
Gardner, F. Booth, K. W. Gunn, D. L. W.
Collins, D. W. Evans, 40p.
OSRAM, pr., Aluminium, No 4, 1962,
pp 207-21.
CPRTI AD-636,191

332, 281

Sci

Jul 67

Study of the Conductivity of Fused Salt
Mixtures, by H. von Grothe.

GERMAN, per, Aluminium, Vol XXXVIII, No 5, 1962,
pp 320-322.

4 Dept of Interior
TN 7 E57 No 552

Sci - Chem

Sep 62

Internal Protection of Aluminium Beer Barrels, by K. Broockmann,
A. Schimmer.
GERMAN, per, Aluminium, Vol XXXVIII, No 9, 1962, pp 609-613.

GB/95

Sci - M/M

Feb 64

250,506

Krekel, P.
CORROSION DURABILITY AND NEW APPLICATION
METHODS OF HELI-COIL THREAD INSERTS. [1963]
[12]p. (figs. omitted) 2 refs.
Order from SLA \$1.60

63-16472

Trans. of Aluminium (West Germany) 1962, v. 38,
p. 718-721.

DESCRIPTORS: *Corrosion, *Corrosion inhibition,
*Screw threads, Screws, Bolts, Steel, Aluminum alloys.

(Metallurgy--Corrosion, TT, v. 10, no. 5)

63-16472

I. Krekel, P.

Office of Technical Services

On the Formation of Oxide Films on Aluminum, by W.
Kaden, 31 pp.
GERMAN, per, Aluminium (West Germany), Vol 39, 1963,
pp 33-41.
ERDL-F-1849-66
AD-635 687

313,257

Sci -
Oct 66

Behavior of the 0.2 - Limit With Welding
Connections of Aluminum Alloys, by
G. Jacoby, H. Schoer, 27 pp.

GERMAN, per, Aluminium, Vol ²⁹ 201, 1963,
pp 159-164. 9690553

DDC RSIC-103

Sci - M/M, Engr
Jan 64

248,834

Aluminium Salts and Their Growing Importance, by
H. Von Kretzschmar.
GERMAN, per, Aluminium, Vol XXXIX, No 3, 1963,
pp 189-193.

Dept of Interior
TN7 E57 No 699

Sci - M/M

Mar 64

251,190

Bonding of Aluminium and Other Materials
using Adhesives, by A. Perrone.
ITALIAN, per, Alluminio, Vol 32, No 8, 1963,
pp 397-407
GB/41/3758 - Price \$ 8

Sci -
Jul 67

334,543

TT-65-12320

Field 13B

WATER COOLED TENSION PLATES MADE OF POURED
ALUMINUM FOR USE IN OZONIZATION FOR WATER
PURIFICATION. 6p.
Order from SLA: \$1.10 as TT-65-12320

Trans. of Aluminium (West Germany) v39 n7 p448-9 1963.

MR 630

Development of a High-Strength, Stress-Corrosion-Resistant Alloy With an AlZnMg Base, Part II. by

~~W. Rosenkranz~~

W. Rosenkranz.

GERMAN, per, *Aluminium*, Vol XXXIX, No 12, 1963, pp 741-752. 9692811

DDC RSIC-177

Sci-M&M

July 64

263,156

Age-Hardening, by H. Bohm, 17 pp.
GERMAN, per, Aluminium, Vol XXXIX, No 12,
1963, pp 753-759. 9692670

DDIC RSIC-174

NSIC Tr 1658 9230981

Q1360/NSIC 1658

Sci-M & M
June 64

260,666

Investigations on Complex Aluminum Bronzes
The Ternary Phase Diagram Cu-Al-Zr, by
C. Panseri.

ITALIAN, per, Alluminio, Vol 33, No 2,
1964, pp 63-70.
TC-1008

Sci-Materials
Oct 66

313,201

Development of Anodizing of Aluminum and Its Alloys,
by R. Gadeau. GOVERNMENT USE ONLY
GERMAN, per, Aluminium, Vol XL, No 3, 1964,
pp 165-167. 9695184
DDC RSIC-282

Sci - M/M
Jan 65

260,682

Investigations of Slip-Band Occurrence in Forming
of AlCuMg- and AlZnMgCu-Sheets, by E. Mohr.
GOVERNMENT USE ONLY
GERMAN, per, Aluminium, Vol XL, No 3, 1964,
pp 169-176. 9695525
EDDC RKSIC-307

Sci - M/M
Jan 65

270,683

The Influence of Minor Additions of Foreign
Atoms on Natural Ageing of Binary Al-Zn
Alloys, by G. Bartsch. FOR GOVERNMENT USE ONLY
GERMAN, per, Aluminium, Vol XL, No 3, 1964,
pp 176-180. 9695810
DNC RSIC-342

Sci - NS

Apr 65

Sci - NS

Apr 65

278,245

Aluminium, Aluminium Zentrale, Berlin

1963, Vol 39, pp 753-759

ntc 70-11606-11F

Precipitation Phenomena and Behavior on
Bright Anodization of Al-1% Mg and Al-1%
Mg 2 Si Alloys Obtained From Aluminum of
High Purity, by E. D. Russo.

ITALIAN, per, Alluminio, Vol 33, No 12,
1964, pp 613-625.

TC-1009

Sci-Materials
Oct 66

313,202

The Significance of Sealing an Testing
Thereof for the Behavior of Anodically
Produced Oxide Coatings on Aluminum and
Its Alloys, by G. Darnault.
GERMAN, per, Aluminium, Vol XL, 1964, pp 290-294.
No 5.
ATS-90R77G

Sci
Apr 67

323,001

The Solubility of Hydrogen in Aluminum and
Magnesium, by Helmut Winterhager, 47 pp.

GERMEN, ~~FR~~, Aluminium Archiv, Vol XII, 1938.

SLA Tr 844/1955

Sci - Min/Met

50,156

Jul 57

63-18624

Irmann, R.
CRUCIBLES USED IN ALUMINUM FOUNDRIES.

21 Jan 63, 11p. (figs. omitted).

Order from SLA \$1.60

63-18624

Trans. of Aluminium Suisse, 1951, v. 1, p. 75-81.

DESCRIPTORS: *Crucibles, *Foundries, *Aluminum,
Graphite, Carborundum, Iron, Castings.

(Metallurgy, TT, v. 10, no. 9)

I. Irmann, R.

Office of Technical Services

Aluminium in Switch and Distributing Plants.

FRENCH, per, ^{mn}Aluminium Suisses, No 2, 1954,

ASLIB-GB389

Sci -
Aug 58

72,546

The Assembly of Aluminium in Contact With Other Metals, by E. Zurbrugg, 9 pp.

FRENCH, par, Aluminium Suisse, Vol IV, 1955, pp 122-127.

AEC/ICRL-T/R-76

Sci - Min/Met

May 59

87,904

Coloring of Anodized Aluminum by Means of
Inorganic Pigments, by E. Hermann, W. Huebner,
13 pp.

SEE FRANK, per, Aluminium Science, Vol V, No 4,
1955, pp 134-138.

S.L.A. Tr 1241

Sci - Min/Metals
Jan 57 CMB

42,616

Applications of Ultrasonics in the Field of
Light Metals, by F. Rohner, 21 pp.

FRENCH, per, Aluminium Suisse, Vol VI, No 3,
1956, pp 82-89.

SLA 57-3312

Sci

Aug 58

72,536

Aluminium-Angle Conductor Bars, by G. Dessetto,
18 pp.

FRENCH

~~ITALIAN~~, per, Aluminium Suisse, Vol VI, No 5,
1956, pp 161-173.

AEC IGRL-T/R-78

Sci - Min/Mat

Jun 59

90,285

The Influence of the Ratio of Ironsilicon on the Formation of Pores in Aluminium Obtained by Continuous Casting, by H. Hug.

FRENCH, per, Aluminium Suisse, No 1, Jan 1957, pp 33-37.

ASLIB-6898

Sci

Aug 59

95, 715

Light Metal Silo Wagons for Bulk Transport, by
H. Zysset

DUTCH, per, Aluminium Suisse, YXI No 6, 1958,
pp 192-200.

GB/1

Sci
Dec 62

Michael, H.
SOME APPLICATIONS OF THE ELECTRON MICRO-
SCOPE TO THE STUDY OF ALUMINIUM. Jan 60.
Order from MT MT Trans-124

Trans. of Aluminium Suisse (Switzerland) 1960 [v. 10]
no. 3, p. 184-190.

DESCRIPTORS: *Aluminium, Microstructure, *Electron
microscopes

(Metallurgy--Structural, TT. v. 6, no. 5)

61-22746

- I. Michael, H.
- II. MT Trans-124
- III. Tollenache, M. de O.
(Gt. Brit.)

180540

Office of Technical Services

Keller, H.
CLEANING AND GRAIN REFINING FLUXES IN THE
ALUMINIUM FOUNDRY (Reinigungs- und Kornfei-
nungsmittel in der Aluminium-Giesserei Flux de
Nettoyage et d'Affinage en Fonderie d'Aluminium).
Aug 62 [23]p. (foreign text included) 15 refs.
Order from SLA \$2.60 62-18822

Trans. of Aluminium Suisse (Switzerland) 1962, v. 12,
no. 2, p. 75-83.

DESCRIPTORS: *Aluminum, Foundries, *Fluxes
(Fusion), Grains (Metallurgy), Cleaning, Refineries,
*Aluminum alloys, Castings.

(Metallurgy--Light Metals, TT, v. 10, no. 1)

62-18822

I. Keller, H.
2

Office of Technical Services

TT-64-14595

Hug, H.
UNIDUR. [1963] [37p] (foreign text included) 2refs
Order from SLA \$3.60 TT-64-14595

I. Hug, H.

Trans. of Aluminium Suisse, 1963, v. 13, no. 2,
p. 49-65.

(Metallurgy. TT, v. 11, no. 11)

Office of Technical Services

Aluminium in Shipbuilding.

GERMAN, per, Aluminium Verlag, 1953.

ASLIB-GB17

Sci

Aug 58

72,545

(DC-1433)

Trade Union Consciousness in Egypt, by Abd-al-Warith Abd-as-Sirr, 53 pp.

ARABIC, monograph, Al-Wa'i an-Niqabi fi Misr, Cairo,
March 1957, pp 1-91.

US JPRS/CO-L-169

NEA - Egypt
Soc - Labor

62,138

(DC-1857)

Transit Regulations for the Second Half of the
Year 1957, 4 pp. UNCLASSIFIED

ARABIC, official doc, Al-waga'i'-ul-Falastiniya.
Gaza, 27 Aug 1957, pp 1-4.

US JPRS/DC-L-224

ME/A - Gaza
Econ
May 58

62,978

Iraqi Air Force College, 9 pp. UNCL

ARABIC, rpt, Al Waqayi' Al 'Iraqiya, No 3787, 26 Apr 1956.

AF 1239699

EE/A - Iraq

MI1

Jul 59

90,138

Ministry of Roads - Iranian State Railroad, 64 pp.

ⁱⁿ
PERSIAN, rpt, Amar-o-Fa'alist Qumi Edarat-o-Navahi-ya,
Rahshan-i-Daulet Iran, 1957-1958.

ACSI, E-6842
ID 2158080

NE/A - Iran

Pol - Roads

Feb 61

141,758

(FDD 32550)

NY-1292

Excerpts From Czech Periodical "Amaterske Radio",
24 pp. FOUO

CZECH, no per, Amaterske Radio, Vol III, No 10,
Prague, Oct 1954, pp 217, 218-219, 227-228, 235,
238-239.

CIA/FDD Tr 703

EEur Mil - Econ

59,930

Feb 58

(FDD 32549)

(NY-1293)

Excerpts From "Amateur Radio" (Czechoslovakia),
25 pp.

CZECH, no per, Amaterske Radio, Vol VI, No 7, Prague,
Jul 1957, pp 195-197, 202, 217-219, 220-221, 223,
inside front cover.

OO-M-3,055,902

EBur - Czechoslovakia
Sci - Electronics
Econ - communications

62,061

Excerpts From "Amateur Radio" (Czechoslovakia),
21 pp. UNCLASSIFIED

CZECH, no per, Amaterske Radio, Vol VI, No 8,
Prague, Aug 1957, pp 225, 227, 251, 252, 254,
255.

US JPRS/MI-396

(MI-1294)

EEur - Czechoslovakia
Mil
Econ
May 58

62,905

Excerpts From "Amateur Radio" (Czechoslovakia),
42 pp. UNCLASSIFIED

CZECH, no per, Amateur Radio, Vol VI, No 9,
Prague, Sep 1957, pp 257, 259-261, 277-282, 285-287.

US JPRS/RY-373
(NY-1295)

ESur - Czechoslovakia
Econ
Mil
May 58

62,903

order from NTC

AMATEURSKÉ RADIO. PHAGUE

1959 VB N8 P207

70-23183

1959 VB N9 P248-249

70-23182

1959 VB N10 P263

70-23184

1959 VB N10 P276-280

70-23185

1959 VB N11 P307-308

70-23186

1959 VB N12 P321

70-23187

Our Use of Polyvinyl Chloride in the Manu-
facture of Packing, by J. J. Simocic.

SERBO-CROATIAN, per, Ambalaza, Vol XI, No 3,
1955, pp 80, 81.

ASLIB-OB39

Sci

Aug 58

71,649

Improvements in Sap Technology with a View to
Nuclear Applications -- Properties of the Materials
Studied, by P. Guisard, P. Johnson.
FIEHICI, rpt, Améliorations de la Technologie du
Sap en vue des Applications Nucléaires --
Propriétés des Matériaux Étudiés, 1963, 31 pp.
*AHC

Sci-Ad/M
Aug 68

America Plunders Arab Oil, 13 pp. UNCLASSIFIED
by Adil Husain,

ARABIC, bk, Amerika Tanlab Bitrul Al-'Arab, 1957,
Encl to IR-25-58, USAFE. (This is a Summary
translation of the book)

AF 1197321

CIA/FPD X-2925

ME/A - Egypt
Bum Pol
Oct 58

75,086

Ametralladora Basica de Aviacion Calibre .50, M3.

ENGLISH to SPANISH, Training Manual, Basic Aircraft
Machine Gun Cal .50, M3, TM 9-219, 12 May 1947.

Sales Agency
US Govt Printing Office
Hq, USARCARI
Fort Amador, Canal Zone
\$.35

Ametralladora Browning Cal .30, M1917A1, M1919A4,
y M1919A6.

ENGLISH, to SPANISH, Field Manual, Browning Machine
Gun, Cal.30, M1917A1, M1919A4, M1919A6, FM 23-55,
19 May 1945.

Sales Agency
US Govt Printing Office
Hq, USARCARIB
Fort Amador, Canal Zone

Ametralladora Browning, Calibre .30, AN-M2, de Aviacdon-
Fija y Movil.

ENGLISH, to SPANISH, Training Manual, Browning Machine
Gun, Caliber, .30 , AN-M2, Aircraft Fixed and Flexible,
TM 9-205, 8 Apr 1949.

Sales Agency
US Govt Printing Office
Hq, USARCARIB
Fort Amador, ★Canal Zone
\$.40

Ametralladora Browning, Calibre .30, Todos los
Tipos, y Afustes Terrestres.

ENGLISH to SPANISH, Training Manual, Browning Machine
Gun, Caliber .30, All Types and Ground Mounts, TM
9-1205, 22 Nov 1946.

Sales Agency
US Govt Printing Office
Hq, USARCARIB
Fort Amador, Canal Zone
\$.30

Ametralladora Browning, Calibre .50, Modelo M2, de
Enfriamiento por Agua, y sus Afustes.

ENGLISH to SPANISH, Training Manual, Browning Machine
Gun, Caliber 150, M2, Water Cooled, and Mounts, TM
9-226, 2 Jan 1946.

Sales Agency
US Govt Printing Office
Hq, USARCARIB
Fort Amador, Canal Zone
\$.55

Ametralladora Browning, M2, de Aviacion, Basica
Cal .50.

ENGLISH ~~to~~ SPANISH, Training Manual, Browning
Machine Gun, Cal .50, M2 Aircraft Basic, TM 9-225,
25 Jun 1947.

Sales Agency
US Govt Printing Office
Hq, USARCARIB
Fort Amador, Canal Zone

My Friend, Welcome to the Interregional Training
Center of the Medical Service (School Brochure),
4 pp.

FRENCH, rpt, Ami Soyez le Bienvenu au Centre
D'Instruction Interregional du Service de Sante,
pp 8-11. (Call No Not Given, Eng Tr)

Army Map Service

Jun 64

Utilization of Various Methods of Amino Acid
Dosage in Nutritional Studies. Value and
Limitations of Quantitative Paper Chromatography,
by G. Fauconneau, R. Pion, 14 pp.

FRENCH, par, Amino Acides, Peptides, Proteines,
Cahier, No 4, 1960, pp 111-119.

MIN 3-21-62

199,747

Sci - Med

Jun 62

Separation of Fatty Acids of Different Molecular
Weights by the Formation of Addition Compounds
With Urea, by R. Rigamonti, V. Riccio,

ITALIAN, par, Am. Chim. Roma., Vol XXXIV, No 3/4,
1954, pp 288-298, 9072295.

ACSIL No 1229

Sci

Nov 60

132, 280

(FDD 24104)

Yearbook of the Trade Union Institute,
1953-1954, 48 pp.

FINNISH, bk, Ammattiyhdistysopiston
Vuosikirja, IV Toimintavuosi 1953-1954,
Kiljava, 1954.

CIA/FDD Tr 428

EEur - Finland
Econ - Finnish Labor Movement
CTS 69/Jun 55

25,627

Ammunition List for the Army. Data and
Illustrations, 44 pp.

SWEDISH, rpt, Ammunitionsregister for
Armen. Data och Bilder, Bestalles hos
KATF/Tsb, Stockholm, 1964, pp 2-38.

ACSI J-0116

ID 2892007165

WE/Swe-dish/M11

(FDD 20886)

Table of Contents of "Announcements by the ^{MINISTRY} ~~Ministry~~
of Health of the German Democratic Republic", 3 pp.

GERMAN, printed pamphlet, Antlicher Teil.

CIA/FDD/U-5791

EEur - GDR
Soc - Medical

Apr 54 CTS

12,307

On a Cautiously Started Anesthesia in Children,
by Joachim S. Gravenstein, 9 p.

GERMAN, per, der Anaesthesist, 1952, Vol I,
No 4, pp 107-110.

SLA 59-17140

Sci
Jan 60
Vol 2, No 8

105,559

62-18952

Buhr, Gustav.
THE EFFECT OF ISOPROPYL CHLORIDE ANESTHESIA UPON THE DYNAMIC OF THE HUMAN HEART AND CIRCULATION. [1962] [15]p. 21 refs.
Order from SLA \$1.60

I. Buhr, G.

62-18952

Trans. of der Anaesthesist (Germany) 1953, v. 2, no. 5, p. 180-183.

DESCRIPTORS: Propanes, *Chlorides, Anesthesia, *Anesthetics, *Toxicity, Heart, Cardiovascular system, Blood pressure, Heart, *Propyl radicals.

Multiple circulation checks were carried out on twelve patients during isopropyl chloride anesthesia, using physical circulation analyses and determination of the time of tension and expulsion of the heart. During the short-time anesthesia the strain in the circulation was insignificant: the blood pressure variations were only (Biological Sciences--Pharmacology, TT, v. 9, no. 6)
(over)

Office of Technical Services

Sh-Glutathione and Marcosis, by D. Holzig, D. P.

GERMAN, per, der Anaesthesist, 1954, Vol III,
No 2, pp 82-84.

SLA 59-17851

Sci
Jan 60
Vol 2, No 9

106,021

**Methylthioethyl-2'-Fenylthiobarbituric Acid,
Sodium Salt, a New Short-Action Anesthetic, by O.
Zima.**

**GIBSON, per, Der Anaesthetist, Vol III, 1974, pp
244-245.**

ANLID-002

Sci

Aug 79

95,168

Muscle Pains After Succinylcholine. An
Experiment on the Effect of Germanin
(Bayer 205), by V. Kenow.

GERMAN, per, Anesthesist, Vol VIII, 1959,
pp 109, 110.

CS/2

Sci-Biol & Med Sci
May 63

229,867

Weis, K. -H.
CLINICAL INVESTIGATIONS WITH SYNTHETIC HYPERTENSIN II AMIDE (Klinische Untersuchungen mit Synthetischem Hypertensin-II-Amid). [1962] 10p.
23 refs.

Order from SLA \$1.10 62-10917

Trans. of der Anaesthesist (Germany) 1960, v. 9,
[no. 10] p. 315-318.

DESCRIPTORS: *Vasomotor drugs, *Hypertensin,
Epinephrine, Blood pressure, Hypotension, *Drugs,
Ganglia, Inhibition, Amides

In clinical experimental examination the effect of synthetic hypertensin II-amid upon the circulation of 9 healthy men was compared with that of 1-norepinephrine. 4 of the test persons received the substances subcutaneously. 5 in an intravenous infusion where at the same time the blood pressure was artificially lowered (Biological Sciences--Pharmacology, TT, v. 8, no. 7) (over)

62-10917

1. Title: Trimetaphan (Drug)
I. Weis, K. -H.

Office of Technical Services

Nolte, H.
CLINICAL EXPERIENCES WITH HYPERTENSIN-II
AMIDE (Klinische Erfahrungen mit Hypertensin-II-Amide).
[1962] 10p. 23 refs.
Order from SLA \$1.10

62-14327

Trans. of der Anaesthesist (Germany) 1961, v. 10,
[no. 8] p. 242-245.

DESCRIPTORS: *Drugs, Therapy, *Traumatic shock,
*Hypertensin, Epinephrine, *Amides.

Some 15 cases of peripheral vasodilation are described.
Treatment consisted of i. v. infusion of Hypertensin-II-
amide and in 5 cases additional infusion of Noradrenaline.
With the exception of some unimportant factors the re-
sults agree with those of Bergmann, and Weis. Con-
trary to Bergmann the Hy-treatment is not considered as
an ultima-ratio-therapy but the non-plus-ultra treatment
(Biological Sciences--Pharmacology, TT, v. 8, no. 3)
(over)

62-14327

I. Nolte, H.

Office of Technical Services

ALC (LF-tr-55) EFFECT OF INCREASED DEAD SPACE
VOLUME IN SPONTANEOUS RESPIRATION ON THE DIFFER-
ENCE IN ALVEOLO-ARTERIAL OXYGEN PRESSURE. Giebel,
O. Translated by A. A. Horvath (Lovelace Foundation for Medi-
cal Education and Research, Albuquerque, N. Mex.), from
Anaesthetist 13: 337-40(1964). 7p.

biomed; translations

ND-48 P RC

Unlimited

Initiation of the Depression of the Activity of the
Cerebral Cortex by Local Application of Chemical Agents,
by A. A. P. Leao, H. M. Pereira, 3 pp.

PORTUGUESE, per, Anais Acad bras Ciencias, Vol XXVI, No
2, 1954, pp 17.

NIH Tr 4-31

Sci - Med

May 58

64.105.

Circulation in the ⁶ ~~Para~~ Mater and DeKpression of the
Activity of the Cerebral Cortex, by A. A. P. Leao,
3 pp.

PORTUGUESE, per, Anais Acad bras Ciencias, Vol XXVI,
No 3-4, 1954, pp 22-23.

NIH Tr 4-30

Sci - Med

May 58

64,104

Electron Microscopic Studies of the Exo-
Erythrocytic Form of Plasmodium Gallinaceum in Tissue
Cultures, by H. Meyer, M. de Oliveira Macacchio,
5 pp. FOR OFFICIAL USE ONLY

PORTUGUESE, per, Anais de Academias de Ciencias,
Vol XXVII, 1960, pp 91-97.

Navy Tr 3061/MS 668

Sci - Med

191,627

Apr 62

Amnio-Caseous Embolism, by Nilo Pereira Luz, 9 pp.

SPANISH, per, Annis Clin Ginecol. Fac Med Univ Sao Paulo, Vol V, 1952-1953, pp 78-88.

ANC 2-3978

**Sci
May 61**

151, 158

Nearctic and Neotropical Regions from the Point
of View of their Insect Fauna, by G. Halffter.
PORTAGUESE, ppt, Anais do II Congresso Latino-
Americano de Zoologia, Sao Paulo, No 1, 1964,
pp 51-61
CSIRO/No 7613

Sci -
Aug 67

336,471

The Entomofauna of Stored Products in
Metropolitan and Overseas Portugal, by C. H.
Basta Neves, J. P. Canceled da Fonseca, J. A.
Monteiro Guimarães. UNCLASSIFIED

SPANISH, per, Anais Estudos de Defesa Fitosa.
Junta das Missões Geog e de Invest e
Ultramar, Vol XI, No 2, 1956, pp 119-142.

DAIR/31675/CR

Sci - Biol
Oct 58

74, 442

Notes on the Occurrence of *Ephestia kühniella*
Zeller in Flour Mills in Portugal, by W. S.
Moreira, UNCLASSIFIED

SPANISH, per, Anais Estudos de Defesa Fitossani-
taria- Junta dos Museos Geograficas e de
Investigacoes de Ultramar, Vol XI, No 2,
1956, pp 163-176.

DSIR/31920/CT

Sci - Biol
Oct 58

74, 441

Biological and Meteorological Observations
Made on Trinidad Island, by Rudolf Barth, 13pp.
PORTUGUESE, rpt, Anais Hidrograficos,
Tomo XVII, 1958-1959, Rio de Janeiro
Brazil 1961, pp 121-140.
ACSI J-0094
ID 2204030166

Sci-B&M
Aug 66

306,562

Invalidation of Some Species Originally Determined
Ecological as a Result of Incorrect Labeling of
Material, by Santo Dias, J. A. Travassos, 15 pp.

PORTUGUESE, par, Anais do Instituto de Med Trop,
Vol XIII, No 1/2, 1956, pp 199-208.

NIH/tr 11-14

Sci - Biology
Dec 57

55,771

R-489

Selected Articles From Portuguese Book, 96 pp.
by Domerges Lopes de Sousa, Joaquim Frazalho, et al.
PORTUGUESE, bk, Anais do Nono Congresso Brasileiro
de Geografia, Rio de Janeiro, Vol V, 1944,
pp 86-114; 449-451; 452-477; 789-795.

JPRS/SPECIAL/DC-11145

LA-Brazil
Geog
Feb 65

Utilization of the Colchicine Effect in Vivo for
the Study of Human Chromosomes, by C. Bottura,
I. Ferrari, 2 pp.

PORTUGUESE, per, Anais Paulistas de Medicina e
Cirurgia, Vol LXXX, 1960, pp 294-295.

NIH 10-24-61

Sci - Med

179, 384

Jan 62

Differential Geometric Properties of Non-Stationary
Motion in Hydrodynamics and in Magnetic-Hydro-
Mechanics, by G. Georgiev.

ROMANIAN, per. Analele Stiint Univ Sec Mat
Fis Chim, Vol 6, No 2, 1960, pp 266-289.
NIL Ref: 5828.4F (70%)

Sol-Prop and Fuels
Aug 68

362,024

Development of Socialist Agriculture the
Road to Welfare of the Peasantry, .
by Fl. Balaure, M. Popescu, 23 pp.
RUMANIAN, per, Analele Institutului de
Istorie a Partidului de pe Linga C.C. al P.M.R.,
No 2, Mar, Apr 1964, pp 31-48.
JPRS 25270

EE-Rumania
Econ
Jul 1964

262,645

The Leading Role of the Rumanian Workers Party in
the Development of the Socialist Economy, by Barbu
Zaharascu, ~~28xxx~~ 21 pp.

RUMANIAN, per, Analele Institutului de Istorie a
Partidului de pe Linga CC al PMR, Vol X, No 4,
1964, pp 35-52.

JPRS 27,363

EE-Rumania

Pol

Jan 65

271,674

SI-1849

Some Considerations of Medical Geography
Regarding the Territory of Rumania, by
@ CL. Ciurcaneanu, A. Holan, 25 pp.

RUMANIAN, par, Analele Romino-Sovietice
Geologie-Geografie, Vol XII, No 2, Bucharest,
1958, pp 17-91.

US JPRS/HY-L-478

ESur - Rumania
Geo - Geography
Dec 58

78,091

Kolmogorov, A. N.
THEORY OF TRANSMISSION OF INFORMATION
(Teoria Transmisiei Informatici)
Leo Ebner, tr. 1963, 31p 19refs
Order from AMA in American Mathematical Society
Translations, 1963, ser. 2, v. 33 (p. 291-321)

Trans. of An[alele] Romino-Soviet[ice]. Serial:
Mat[ematica]-Fiz[ica] (Rumania) 1959, v. 13,
no. 1(23) p. 5-33.

DESCRIPTORS: *Communication theory

(Research Methods--Information Theory, TT, v. 11,
no. 8)

TT-64-12646 (p. 291-321)

1. Title: Shannon's theorem
- I. Kolmogorov, A. N.
- II. American Mathematical
Society, Providence, R.I.

Office of Technical Services

Satee

(NY-2551)

The Development of Sheet Metal Production in
Rumania on the Basis of Soviet Experience, by
R. Miculescu, 16 pp.

ROMANIAN, per, Analele Romino-Sovietice:
Metalurgie, Vol XIII, No 1, 1959, pp 65-75.

JPRS-1706-N

89,836

ESur - Rumania

Econ - Mining, metallurgy; sheet metal productions,
sheet rolling mills

Jun 59

(FDD 18879)

The Peculiarities of the Interaction Between the First and Second System of Signalization in the Course of Formation of Conditioned Reflexes to Complex Stimuli in Children, by V. G. Fadeyeva, 31 pp.

RUMANIAN, bimo per, Analele Romano-Sovietice Pediatrie, Vol VI, No 4, Mar/Apr 1952, pp 28-42.

CIA/FDD/U-4305

EEur - Rumania

Sci - Med

9653

Noaga, V. G. and Antonescu, V. I.
A NEW METHOD FOR THE MEASUREMENT OF
VACUUM, THE ELECTROACOUSTIC VACUUM
GAGE. [1960] 5p.
Order from ATS \$8.40 ATS-81M38RU

Trans. of Inst U. Analele Stiintifice. Sectiunea I:
[Matematica, Fizica, Chimie] (Rumania) 1957, v. 3,
no. 1/2, p. 281-286.

DESCRIPTORS: *Vacuum apparatus, Pressure gages,
*Measuring devices (Electrical and electronic)
*Acoustic equipment

(Engineering, TT, v. 10, no. 4)

60-22440

I. Noaga, V. G.
II. Antonescu, V. I.
III. ATS-81M38RU
IV. Associated Technical
Services, Inc., East
Orange, N. J.

Office of Technical Services